

- F1
- c) contacting the immobilized polypeptide with the second polypeptide;
  - d) contacting said immobilized polypeptide and said binding partner polypeptide with said sample; and
  - e) assaying the modification of at least one of the polypeptides by measuring the association of the binding partner polypeptide to the first polypeptide.
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Kindly add new claim 21 as follows:

21. (New) A method for detecting, in a sample, the presence of a modifying enzyme which covalently modifies a first polypeptide, the method of comprising the steps of:

- Sub G3  
F2
- a) providing a first polypeptide immobilized on a support, wherein said first polypeptide comprises a binding site to which a second polypeptide specifically binds, and wherein covalent modification of said first polypeptide detectably changes the association of said first and second polypeptide;
  - b) providing said second polypeptide and said test sample;
  - c) measuring association of said first polypeptide with said second polypeptide; and
  - d) comparing said association with the association of a first and second polypeptide contacted with a control sample known to contain said modifying enzyme wherein a change in the association of said first and second polypeptide determined in step (c) relative to said association determined in step (d) provides an indicator of the presence of the enzyme in said test sample.
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#### REMARKS

Claims 1-18 and 20 are pending. Claim 1 is amended and new claim 21 is added herein.

New claim 21 is supported throughout the specification, but more specifically at: page 3, lines 1-13, page 4, lines 15-16; page 10, lines 24-25; page 14, lines 15-20; page 4, line 26 to page 5, line 2; page 6, lines 20-24; page 5, lines 7-9; and page 97, line 21 to page 98, line 8.